

Title (en)
OSCILLATOR, TRANSMISSION/RECEPTION DEVICE, AND FREQUENCY SYNTHESIZER

Title (de)
OSZILLATOR, SENDE-/EMPFANGSEINRICHTUNG UND FREQUENZSYNTHESIZER

Title (fr)
OSCILLATEUR, DISPOSITIF ÉMETTEUR/RÉCEPTEUR ET SYNTHÉTISEUR DE FRÉQUENCES

Publication
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Application
EP 07829825 A 20071015

Priority
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• JP 2007082134 A 20070327

Abstract (en)
An output terminal 6 is provided at the connecting point 5 between the collector terminal of a transistor 1 and an open-ended stub 4 by connecting the open-ended stub 4 to the collector terminal of the transistor 1, the open-ended stub 4 having a line length equal to a quarter of the wavelength of a signal of frequency $2N \cdot F_0$ or $2N$ times the oscillation frequency F_0 . In addition, an output terminal 9 is provided at a connecting point 8 located at a distance equal to a quarter of the wavelength of a signal of oscillation frequency F_0 from the end of an open-ended stub 7 by connecting the open-ended stub 7 to the base terminal of the transistor 1, the open-ended stub 7 having a line length longer than a quarter of the wavelength of the signal of oscillation frequency F_0 .

IPC 8 full level
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